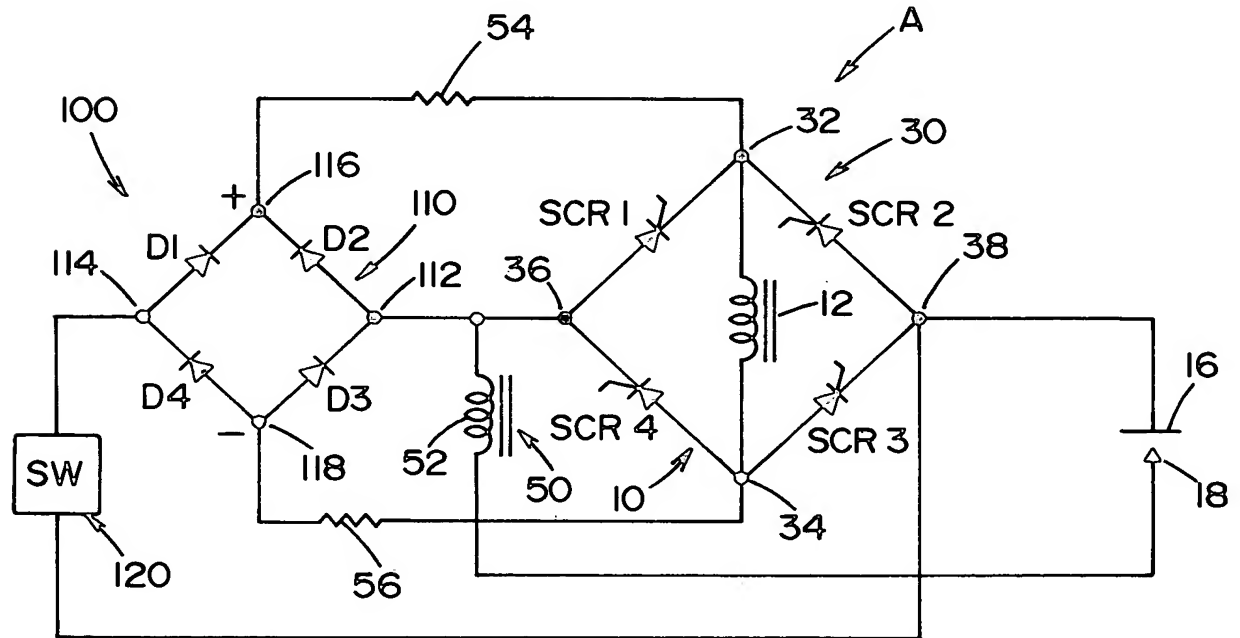


(DC CONNECTION)

FIG. 1



(AC CONNECTION)

FIG. 2

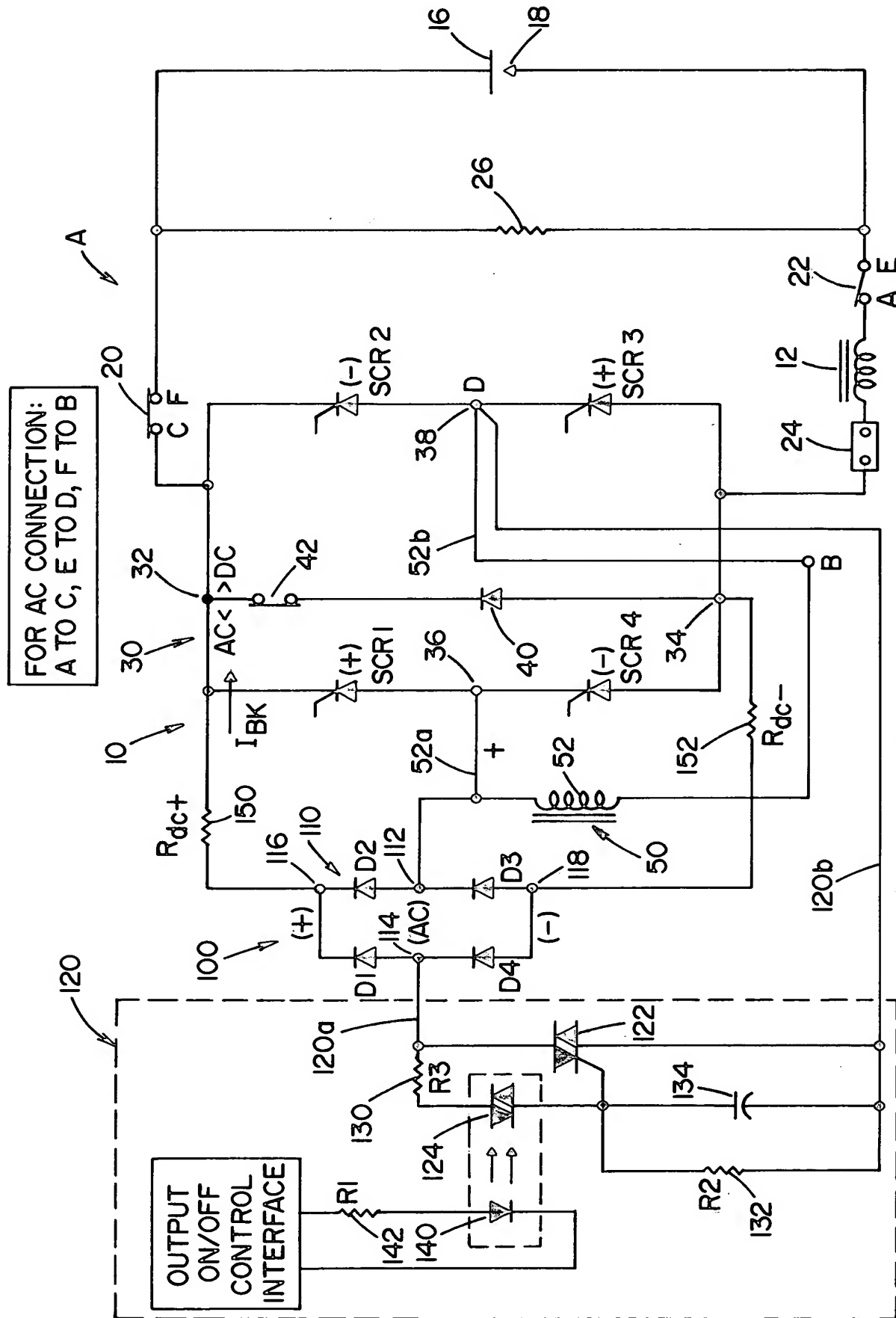


FIG. 3

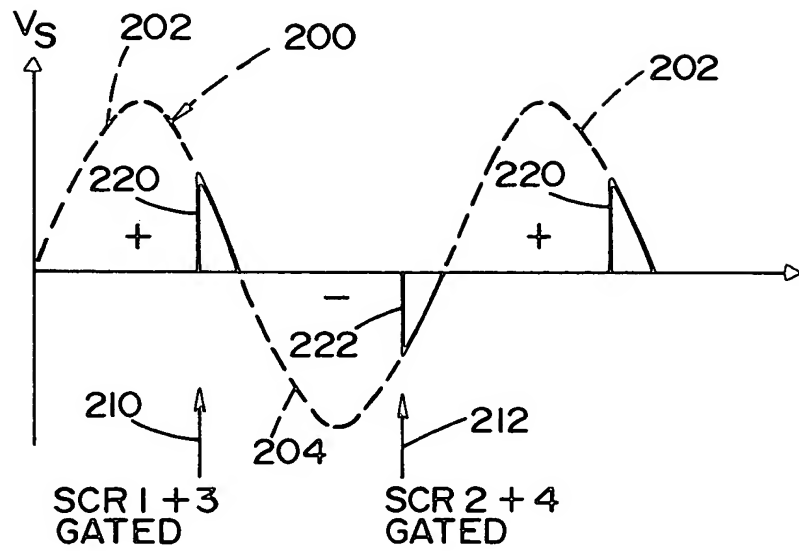


FIG. 4

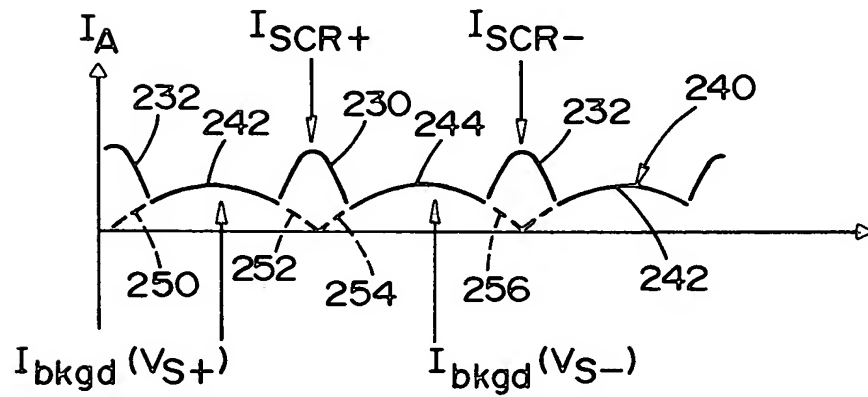
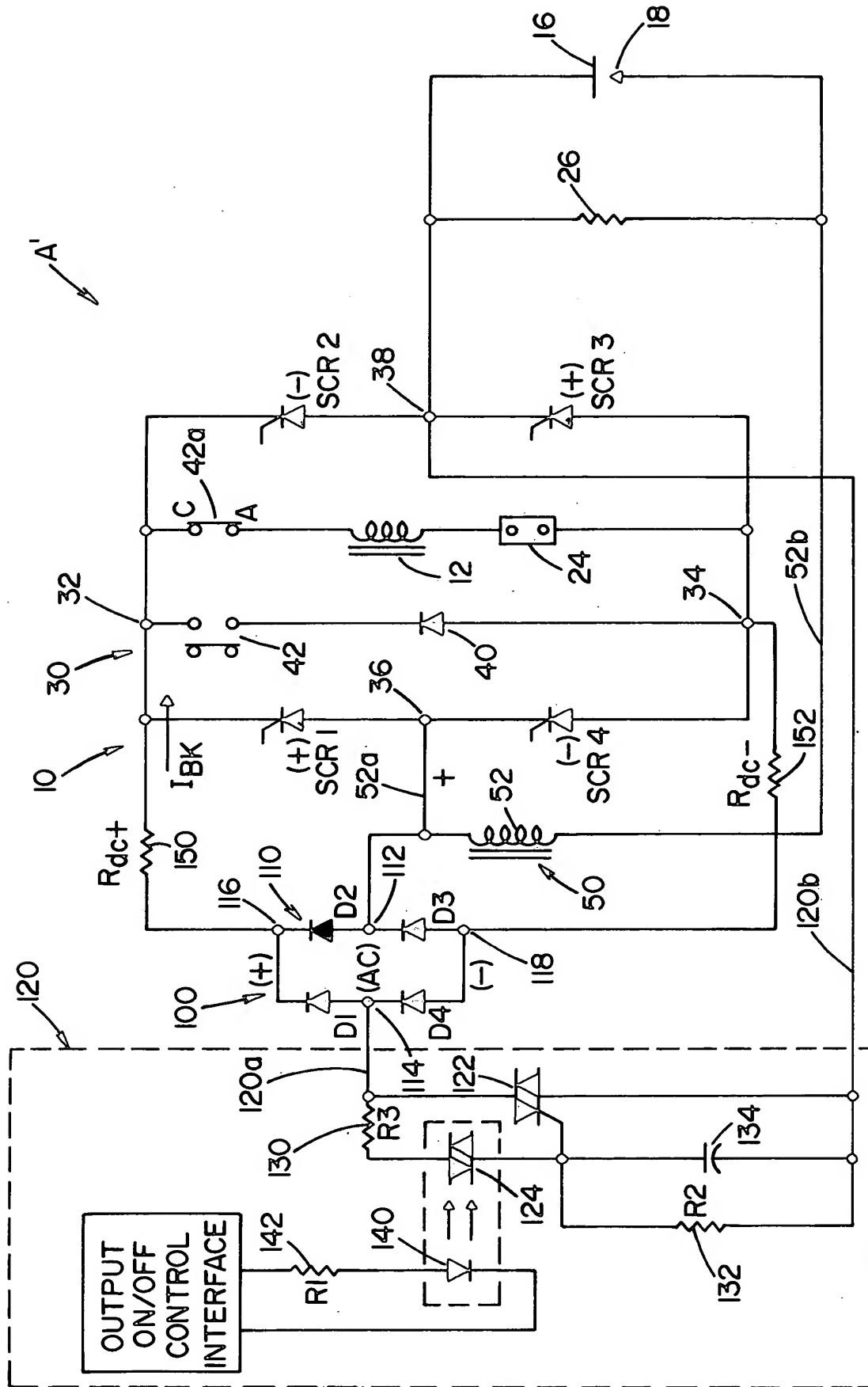


FIG. 5



(AC CONNECTION)

FIG. 6

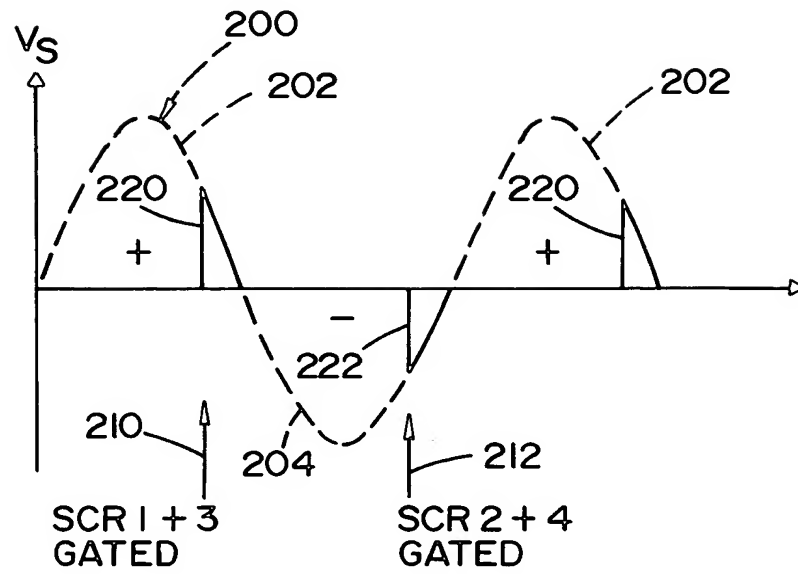


FIG. 7

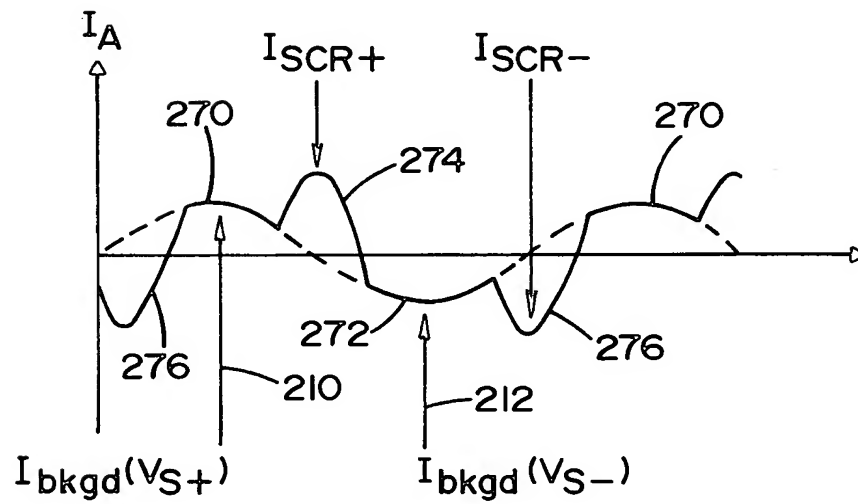


FIG. 8

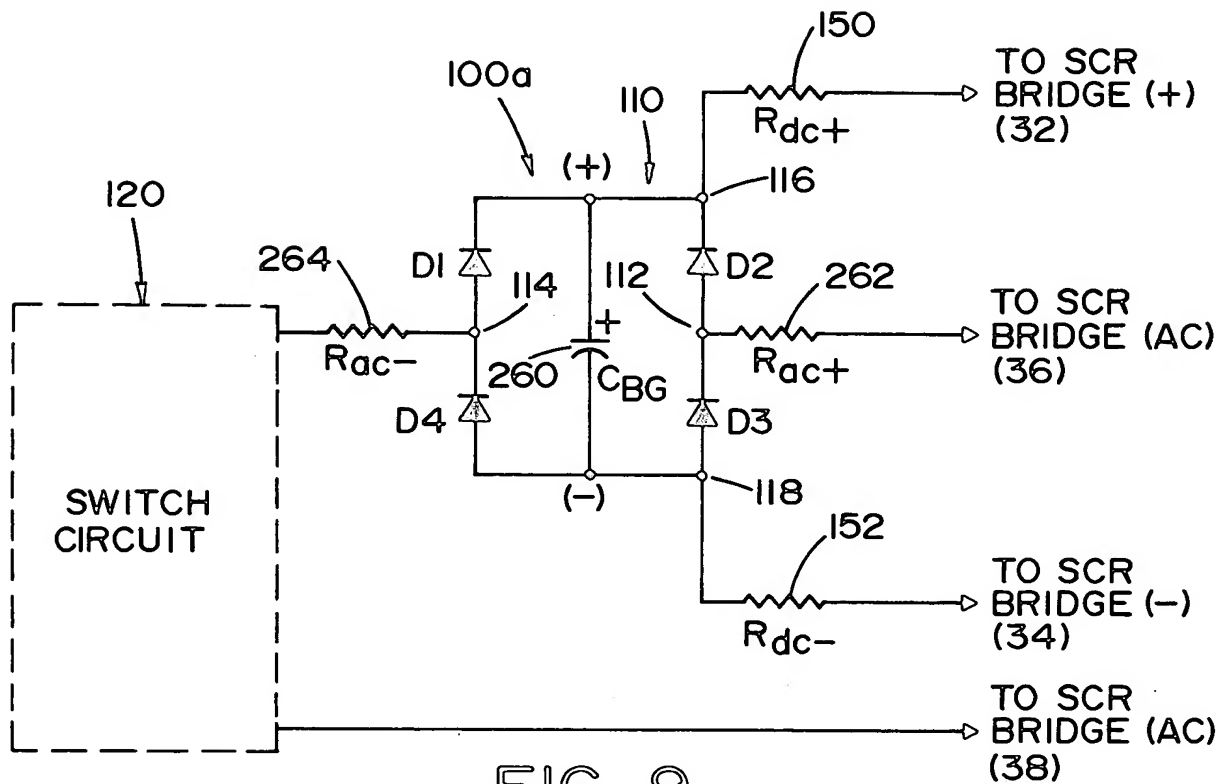


FIG. 9

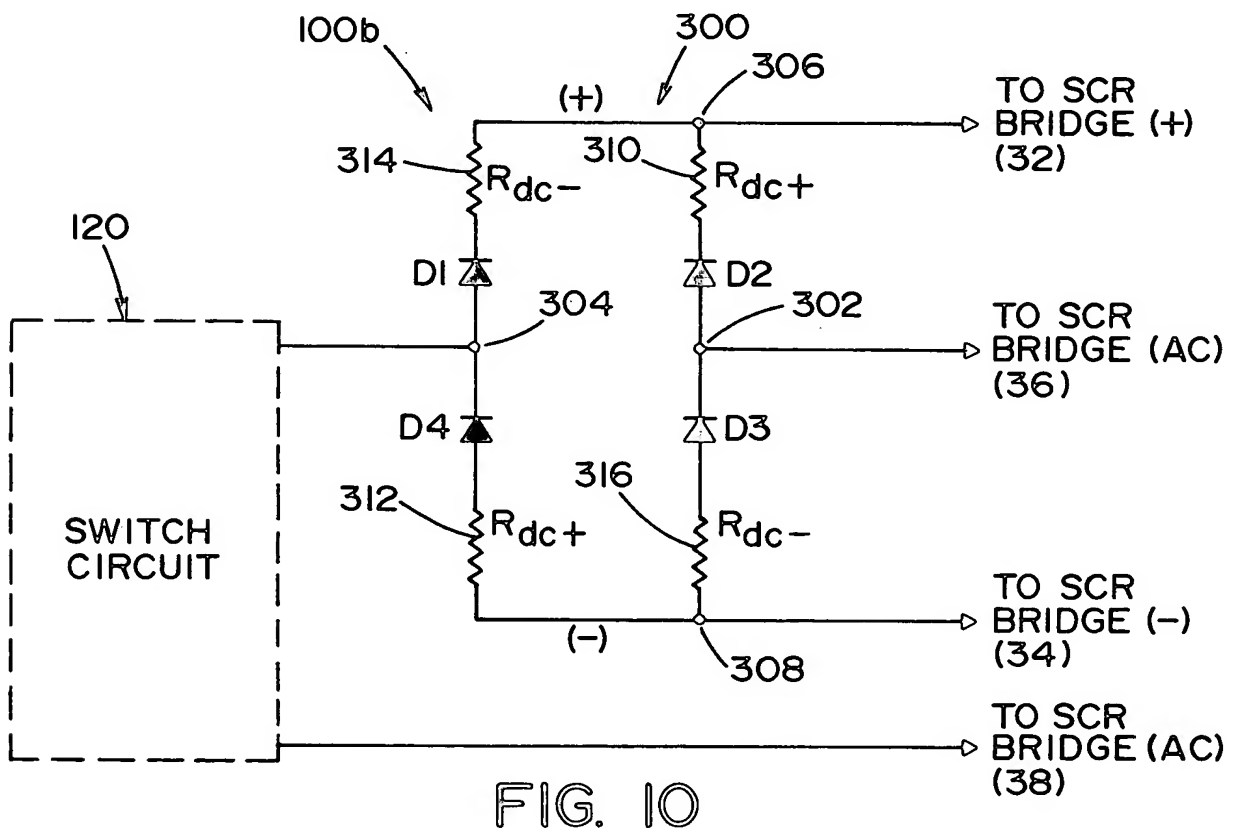


FIG. 10

IMBALANCED BACKGROUND AC OCV

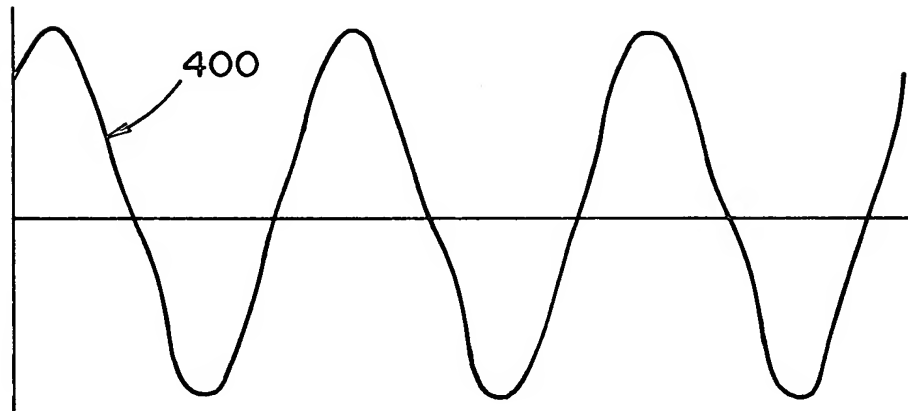


FIG. 11

IMBALANCED BACKGROUND AC MIN, WELD LOAD

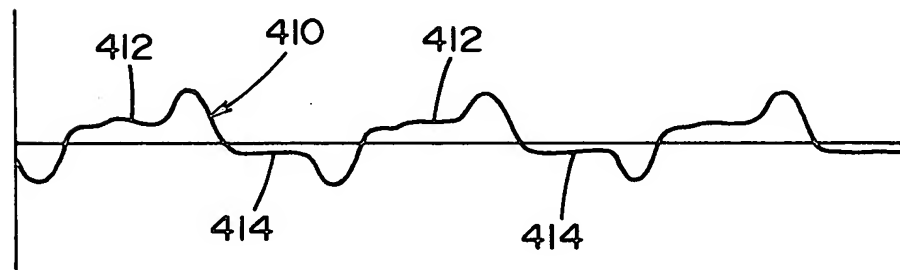


FIG. 12